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119 and meta same search same engine

6

**Database:**

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EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

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<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	119 and meta same search same engine	6	<u>L21</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	119 and meta adj search adj engine	1	<u>L20</u>
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USPT,PGPB,JPAB,EPAB,DWPI,TDBD	18 and multiple same party	184	<u>L12</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	17 and search engines	556	<u>L11</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	((348/\$)!.CCLS.))	38946	<u>L10</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	((345/\$)!.CCLS.))	42297	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	((709/\$)!.CCLS.))	10458	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	((707/\$)!.CCLS.))	10117	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	((705/\$)!.CCLS.))	7857	<u>L6</u>
USPT	((705/\$)!.CCLS.))	6152	<u>L5</u>
USPT	((348/\$)!.CCLS.))	38596	<u>L4</u>
USPT	((345/\$)!.CCLS.))	26347	<u>L3</u>
USPT	((709/\$)!.CCLS.))	10368	<u>L2</u>
USPT	((707/\$)!.CCLS.))	9462	<u>L1</u>

WEST

Generate Collection

## Search Results - Record(s) 1 through 6 of 6 returned.

 1. Document ID: US 6169986 B1

L15: Entry 1 of 6

File: USPT

Jan 2, 2001

US-PAT-NO: 6169986

DOCUMENT-IDENTIFIER: US 6169986 B1

TITLE: System and method for refining search queries

DATE-ISSUED: January 2, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman; Dwayne E.	Woodinville	WA	N/A	N/A
Ortega; Ruben E.	Seattle	WA	N/A	N/A
Hamrick; Michael L.	Seattle	WA	N/A	N/A
Spiegel; Joel R.	Woodinville	WA	N/A	N/A
Kohn; Timothy R.	Seattle	WA	N/A	N/A

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Amazon.com, Inc.	Seattle	WA	N/A	N/A	02

APPL-NO: 9/ 411441

DATE FILED: October 1, 1999

## PARENT-CASE:

RELATED APPLICATION This application is a continuation of application Ser. No. 09/145,360 filed Sep. 1, 1998 now U.S. Pat. No. 6,006,225 claims the benefit of U.S. Provisional Application Ser. No. 60/089,244, filed Jun. 15, 1998, the disclosure of which is hereby incorporated by reference.

INT-CL: [7] G06F 17/30

US-CL-ISSUED: 707/5; 707/2, 707/4, 707/10

US-CL-CURRENT: 707/5; 707/10, 707/2, 707/4

FIELD-OF-SEARCH: 707/5, 707/2, 707/10, 707/4

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>5675819</u>	October 1997	Schuetze	704/10
<u>5721897</u>	February 1998	Rubinstein	707/2
<u>5787422</u>	July 1998	Tukey et al.	707/5
<u>5794233</u>	August 1998	Rubinstein	707/4
<u>5864845</u>	January 1999	Voorhees et al.	N/A
<u>5865845</u>	January 1999	Voorhees et al.	707/4.5
<u>5911140</u>	June 1999	Tukey et al.	707/5
<u>5913215</u>	June 1999	Rubinstein	707/10
<u>6006225</u>	December 1999	Bowman et al.	707/5

## OTHER PUBLICATIONS

Abstract of Generating Advanced Query Interfaces, Lee, Srivastava and Vista, Computer Networks and ISDN System Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol. 30, No. 1-7, pp. 656-657 (1998).

Abstract of Using Combination of Evidence for Term Expansion, Wilkinson, Information Retrieval Research, Proceedings of the 19.sup.th Annual BCS-IRSG Colloquium on IR Research (1997).

Abstract of Inquirus, the NECI Meta Search Engine, Lawrence and Giles, Computer Networks and ISDN Systems Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol. 30, No. 1-7, pp. 95-105 (1998).

Abstract of Facilitating Complex Web Queries Through Visual User Interfaces and Query Relaxation, Li and Shim, Computer Networks and ISDN Systems Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol. 30, No. 1-7, pp. 149-159 (1998).

A User-centred Evaluation of Ranking Algorithms for Interactive Query Expansion, Efthimiadis, Proceedings of the 16.sup.th Annual International ACM SIGIR Conference, Pittsburgh, pp. 146-159 (1993).

Concept Based Query Expansion, Qiu and Frei, Proceedings of the 16.sup.th Annual International ACM SIGIR Conference, Pittsburgh, pp. 160-169 (1993).

Improving Retrieval Performance by Relevance Feedback, Salton and Buckley, J. of Am. Society for Info. Science 41(4):288-297 (1990).

Query Expansion Using Domain-Adapted, Weighted Thesaurus in an Extended Boolean Model, Kwon, Kim and Choi, Proceedings of the 3.sup.rd International Conference on Information and Knowledge Management (CIKM'94), pp. 140-146 (1994).

Browsing Through Querying: Designing for Electronic Books, Charoenkitkarn, Tam, Chignell and Golovchinsky, at the 5.sup.th ACM Conference on Hypertext, Seattle, WA 206-216 (1993).

A Survey of Information Retrieval and Filtering Methods, Faloutsos and Oard, Univ. of Maryland, 22 pages (undated).

A Corpus Analysis Approach for Automatic Query Expansion, Gauch and Wang, Proceedings of the 6.sup.th International Conference on Information and Knowledge Management, pp. 278-284 (1997).

Discovering Web Access Patterns and Trends by Applying OLAP and Data Mining Technology on Web Logs, Zaiane, Xin and Han, Proceedings of the IEEE Forum on Research and Technology Advances in Digital Libraries (IEEE ADL'98), pp. 19-29 (1998).

Bartell et al., "Automatic Combination of Multiple Ranked Retrieval Systems", Proceedings of SIGIR'94, Jul. 1994, pp. 173-181, Jul. 1994.

Belkin et al., "The Effect of Multiple Query Representations on Information System Performance" Proceedings of SIGIR'93, Jun. 1993, pp. 339-346, Jun. 1993.

Shaw et al., "Combination of Multiple Searches", Proceedings of TREC-3, Apr. 1995, pp. 105-108, Apr. 1995.

QuarterDeck Web Page, Downloaded Sep. 9, 1996,  
<http://aracnid.qdeck.com/qdeck/products/webcompass>, Sep. 1996.

Towell, et al. "Learning Collection Fusion Strategies for Information Retrieval", Proceedings of the 12.sup.th Annual Machine Learning Conference, pp. 540-548, Jul. 1995.

Voorhees, et al., "Learning Collection Fusion Strategies", Proceedings of SIGIR'95, pp. 172-179, Jul. 1995.

Voorhees, et al., "The Collection Fusion Problem" Proceedings of TREC-3, NIST Special Publication 500-225, pp. 95-104, Apr. 1995.

ART-UNIT: 271

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Coby; Frantz

ATTY-AGENT-FIRM: Knobbe, Martens, Olson &amp; Bear, LLP

## ABSTRACT:

A search engine is disclosed which suggests related terms to the user to allow the user to refine a search. The related terms are generated using query term correlation data which reflects the frequencies with which specific terms have previously appeared within the same query. The correlation data is generated and stored in a look-up table using an off-line process which parses a query log file. The table is regenerated periodically from the most recent query submissions (e.g., the last two weeks of query submissions), and thus strongly reflects the current preferences of users. Each related term is presented to the user via a respective hyperlink which can be selected by the user to submit a modified query. In one embodiment, the related terms are added to and selected from the table so as to guarantee that the modified queries will not produce a NULL query result.

12 Claims, 11 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn Desc	Image
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2. Document ID: US 6078914 A

L15: Entry 2 of 6

File: USPT

Jun 20, 2000

US-PAT-NO: 6078914

DOCUMENT-IDENTIFIER: US 6078914 A

TITLE: Natural language meta-search system and method

DATE-ISSUED: June 20, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Redfern; Darren M.	Stratford	N/A	N/A	CAX

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Open Text Corporation	N/A	N/A	N/A	CAX	03

APPL-NO: 8/ 769929

DATE FILED: December 9, 1996

INT-CL: [7] G06F 17/30

US-CL-ISSUED: 707/3; 707/2, 707/4, 707/5

US-CL-CURRENT: 707/3; 707/2, 707/4, 707/5

FIELD-OF-SEARCH: 707/2, 707/3, 707/4, 707/5, 707/1

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
5278980	January 1994	Pedersen et al.	707/4
5500920	March 1996	Kupiec	395/2.79
5576954	November 1996	Driscoll	707/3
5640553	June 1997	Schultz	707/5
5642502	June 1997	Driscoll	707/5

## FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0597630	May 1994	EPX	
0638870	February 1995	EPX	
2296799	July 1996	GBX	
90/08360	July 1990	WOX	
WO 95/12173	May 1995	WOX	

## OTHER PUBLICATIONS

"Navigating With A Web Compass", R. Baldazo, vol. 21, No. 3, Mar. 1, 1996.  
 "Alephweb: A Search Engine Based On The Federated Structure", Proc. 7th Joint European  
 Networking Conference, May 13-16, 1996, Budapest.  
 DataBase Inspec Instruction of Electrical Engineers, Stevenage, GB, see Abstract, Dec.  
 1996.

ART-UNIT: 271

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Min; Donald

ATTY-AGENT-FIRM: Fitzpatrick, Cella, Harper &amp; Scinto

ABSTRACT:

A meta search system accepts natural language queries which are parsed to extract relevant content, this relevant content being formed into queries suitable for each of a selected number of search engines and being transmitted thereto. The results from the search engines are received and examined and a selected number of the information sources represented therein are obtained. These obtained information sources are then examined to rank their relevance to the extracted relevant content and the portions of interest in each of these ranked information sources are determined. The determined portions are output to the user in ranked order, having first been processed to clean up the portions to include valid formatting and complete paragraphs and/or sentences.

13 Claims, 17 Drawing figures

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KMIC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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3. Document ID: US 6006225 A

L15: Entry 3 of 6

File: USPT

Dec 21, 1999

US-PAT-NO: 6006225

DOCUMENT-IDENTIFIER: US 6006225 A

TITLE: Refining search queries by the suggestion of correlated terms from prior searches

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman; Dwayne E.	Woodinville	WA	N/A	N/A
Ortega; Ruben E.	Seattle	WA	N/A	N/A
Hamrick; Michael L.	Seattle	WA	N/A	N/A
Spiegel; Joel R.	Woodinville	WA	N/A	N/A
Kohn; Timothy R.	Seattle	WA	N/A	N/A

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Amazon.Com	Seattle	WA	N/A	N/A	02

APPL-NO: 9/ 145360

DATE FILED: September 1, 1998

PARENT-CASE:

RELATED APPLICATION This application claims the benefit of U. S. Provisional Application No. 60/089,244, filed Jun. 15, 1998, the disclosure of which is hereby incorporated by reference.

INT-CL: [6] G06F 17/30

US-CL-ISSUED: 707/5; 707/2, 707/4, 707/10

US-CL-CURRENT: 707/5; 707/10, 707/2, 707/4

FIELD-OF-SEARCH: 707/5, 707/2, 707/10, 707/4

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
5675819	October 1997	Schuetze	704/10
5721897	February 1998	Rubinstein	707/2
5787422	July 1998	Tukey et al.	707/5
5794233	August 1998	Rubinstein	707/4
5864845	January 1999	Voorhees et al.	707/5
5911140	June 1999	Tukey et al.	707/5
5913215	June 1999	Rubinstein	707/10

## OTHER PUBLICATIONS

Bartell et al., "Automatic Combination of Multiple Ranked Retrieval Systems", Proceedings of SIGIR '94, Jul. 1994, pp. 173-181.

Belkin et al., "The Effect of Multiple Query Representations on Information System Performance" Proceedings of SIGIR '93, Jun. 1993, pp. 339-346.

Shaw et al., "Combination of Multiple Searches", Proceedings of TREC-3, Apr. 1995, pp. 105-108.

QuarterDeck Web Page, Downloaded Sep. 9, 1996,  
<http://aracnid.qdeck.com/qdeck/products/webcompass>.

Towell et al. "Learning Collection Fusion Strategies for Information Retrieval", Proceedings of the 12th Annual Machine Learning Conference, Jul. 1995, pp. 540-548.

Voorhees et al., "Learning Collection Fusion Strategies", Proceedings of SIGIR '95, Jul. 1995, pp. 172-179.

Voorhees et al., "The Collection Fusion Problem" Proceedings of TREC-3, NIST Special Publication 500-225, Apr. 1995, pp. 95-104.

Abstract of Generating Advanced Query Interfaces, Lee, Srivastava and Vista, Computer Networks and ISDN Systems Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol. 30, No. 1-7, pp. 656-657 (1998).

Abstract of Using Combination of Evidence for Term Expansion, Wilkinson, Information Retrieval Research, Proceedings of the 19th Annual BCS-IRSG Colloquium on IR Research (1997).

Abstract of Inquirus, the NECI Meta Search Engine, Lawrence and Giles, Computer Networks and ISDN Systems Conference Title: Comput. Netw ISDN Syst. (Netherlands) vol. 30, No. 1-7, pp. 95-105 (1998).

Abstract of Facilitating Complex Web Queries Through Visual User Interfaces and Query Relaxtion, Li and Shim, Computer Networks and ISDN Systems Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol. 30, No. 1-7, pp. 149-159 (1998).

A User-centred Evaluation of Ranking Algorithms for Interactive Query Expansion, Efthimiadis, Proceedings of the 16th Annual International ACM SIGIR Conference, Pittsburgh, pp. 146-159 (1993).

Concept Based Query Expansion, Qiu and Frei, Proceedings of the 16th Annual International ACM SIGIR Conference, Pittsburgh, pp. 160-169 (1993).

Improving Retrieval Performance by Relevance Feedback, Salton and Buckley, J. of Am. Society for Info. Science 41(4):288-297 (1990).

Query Expansion Using Domain-Adapted, Weighted Thesaurus in an Extended Boolean Model, Kwon, Kim and Choi, Proceedings of the 3rd International Conference on Information and Knowledge Management (CIKM'94), pp. 140-146 (1994).

Browsing Through Querying: Designing for Electronic Books, Charoenkitkarn, Tam, Chignell and Golovichinsky, at the 5th ACM Conference on Hypertext, Seattle, WA 206-216 (1993).

A Survey of Information Retrieval and Filtering Methods, Faloutsos and Oard, Univ. of Maryland, 22 pages (undated).

A Corpus Analysis Approach for Automatic Query Expansion, Gauch and Wang, Proceedings of the 6th International Conference on Information and Knowledge Management, pp. 278-284 (1997).

Discovering Web Acess Patterns and Trends by Applying OLAP and Data Mining Technology on Web Logs, Zaiane, Xin and Han, Proceedings of the IEEE Forum on Research and Technology Advances in Digital Libraries (IEEE ADL'98), pp. 19-29 (1998).

ART-UNIT: 276

PRIMARY-EXAMINER: Lintz; Paul R.

ATTY-AGENT-FIRM: Knobbe, Martens, Olson &amp; Bear, LLP

## ABSTRACT:

A search engine is disclosed which suggests related terms to the user to allow the user to refine a search. The related terms are generated using query term correlation data which reflects the frequencies with which specific terms have previously appeared within the same query. The correlation data is generated and stored in a look-up table using an off-line process which parses a query log file. The table is regenerated periodically from the most recent query submissions (e.g., the last two weeks of query submissions), and thus strongly reflects the current preferences of users. Each related term is

presented to the user via a respective hyperlink which can be selected by the user to submit a modified query. In one embodiment, the related terms are added to and selected from the table so as to guarantee that the modified queries will not produce a NULL query result.

28 Claims, 11 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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4. Document ID: EP 1050830 A2

L15: Entry 4 of 6

File: DWPI

Nov 8, 2000

DERWENT-ACC-NO: 2000-681254

DERWENT-WEEK: 200067

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TITLE: System for ranking search results obtained from information retrieval system has search pre-processor, responsive to a search query, and determines context of search query by comparing terms in the search query with user context profile

INVENTOR: CHIDLOVSKI, B; GLANCE, N S ; GRASSO, A

PATENT-ASSIGNEE: XEROX CORP (XERO)

PRIORITY-DATA: 1999US-0305435 (May 5, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1050830 A2	November 8, 2000	E	011	G06F017/30

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 1050830A2	April 28, 2000	2000EP-0303613	N/A

INT-CL (IPC): G06F 17/30

ABSTRACTED-PUB-NO: EP 1050830A

BASIC-ABSTRACT:

NOVELTY - Search pre-processor (30) compares terms in search query with predetermined user context profile, e.g. user identity. Search engine, generates search result comprising at least one item obtained from information retrieval system. Post-processor (40) responsive to non-empty search results, ranks each item returned in the search result according to context of search query.

DETAILED DESCRIPTION - Search pre-processor takes query (102) from user (100) and applies a predetermined user context profile to determine the context of search query. Results from search query, which generally include hierarchically-ranked search results based on query, are returned by various search engines or meta search engines (80) by searching information retrieval system, such as Internet, and the results are ranked by search post-processor and provided to the user in form of ranked documents (124).

AN INDEPENDENT CLAIM is made for a method of ranking search results obtained from an information retrieval system.

USE - In distributed operating environment, such as World Wide Web containing network of distributed servers, and may be implemented in software using software development environments that provide portable source code that can be used on a variety of hardware platforms. Alternatively system may be used partially or fully in hardware using standard logic circuits.

ADVANTAGE - Provides an architecture that allows methods to work together in support of

community based relevance feedback, and provides ability to rank results returned across several search engines and ability to take into account user's context through use of user, community or expert user profiles.

DESCRIPTION OF DRAWING(S) - Drawing shows block diagram of system for ranking search results obtained from information retrieval system in accordance with predetermined context profile.

Search engine 20

Search pre-processor 30

Search post-processor 40

Meta-search engine 80

User 100

Query from user 102

Ranked documents 124

ABSTRACTED-PUB-NO: EP 1050830A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.2/2

DERWENT-CLASS: T01

EPI-CODES: T01-H07C5E; T01-J05B3;

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Clip Img](#) | [Image](#)

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5. Document ID: KR 2000006664 A

L15: Entry 5 of 6

File: DWPI

Feb 7, 2000

DERWENT-ACC-NO: 2000-677480

DERWENT-WEEK: 200066

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TITLE: Meta search engine set on a computer of end user - NoAbstract

INVENTOR: MOON, S I

PATENT-ASSIGNEE: MOON S I (MOONI)

PRIORITY-DATA: 1999KR-0041860 (September 29, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2000006664 A	February 7, 2000	N/A	000	G06F017/30

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR2000006664A	September 29, 1999	1999KR-0041860	N/A

INT-CL (IPC): G06F 17/30

DERWENT-CLASS: T01

EPI-CODES: T01-J05B;

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Clip Img](#) | [Image](#)

## □ 6. Document ID: JP 11191114 A

L15: Entry 6 of 6

File: DWPI

Jul 13, 1999

DERWENT-ACC-NO: 1999-454205

DERWENT-WEEK: 199938

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TITLE: Meta-search procedure for internet - involves extracting required information for analyzing responses from third party search unit and displaying extracted information

PATENT-ASSIGNEE: NEC CORP (NIDE)

PRIORITY-DATA: 1998US-0113751 (July 10, 1998), 1997US-0062958 (October 10, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 11191114 A	July 13, 1999	N/A	043	G06F017/30

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP11191114A	October 8, 1998	1998JP-0286599	N/A

INT-CL (IPC): G06F 17/30

ABSTRACTED-PUB-NO: JP11191114A

BASIC-ABSTRACT:

NOVELTY - A question is sent to several third party search units. The response from the third party search units is analyzed and a document relating to the question is extracted. All the texts of the document corresponding to the question are downloaded. The exact text information needed is extracted and displayed. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for meta-search engine.

USE - For searching documents, image data on internet.

ADVANTAGE - Improves efficiency of meta-search and hence extraction of required information is done quickly and accurately.

ABSTRACTED-PUB-NO: JP11191114A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/39

DERWENT-CLASS: T01

EPI-CODES: T01-J05B;

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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Generate Collection

Terms	Documents
meta adj search adj engine	6

Display

40

Documents, starting with Document:

6

Display Format: FRO Change Format

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